

**DIGITAL SIGNAL CODING METHOD AND DEVICE, DIGITAL SIGNAL TRANSMITTING METHOD AND SIGNAL RECORDING MEDIUM**

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**Abstract of JP10083632**

**PROBLEM TO BE SOLVED:** To continuously reproduce a video and a sound without collapsing a decoding buffer in changing a plurality of multiplexing streams to be reproduced. **SOLUTION:** The size of access units for three kinds of video streams VS0, VS1 and VSw is detected individually by their respective access unit detectors 52a, 52b and 52c, and the max. access unit size is detected by a max. value detector 53, and this is regarded as an access unit for a virtual video stream. Packetizing control information is sent by a scheduler 54 to packetizer 55a, 55b and 55c respectively based on information of this virtual video stream and other elementary streams to be multiplexed, and packetization is performed by multiplexing the elementary streams for each of the actual video streams VS0, VS1 and VS2.

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